

## REFERENCES

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- Andrews, D.F., P.J. Bickel, F.R. Hampel, P.J. Huber, W.H. Rogers, and J.W. Tukey. 1972. Robust Estimates of Location. Princeton University Press, Princeton, NJ.
- Barnett, V., and T. Lewis. 1984. Outliers in Statistical Data. 2nd edition. John Wiley and Sons, Chichester, UK.
- Blalock, H.M. Jr. 1972. Social Statistics. McGraw-Hill, New York.
- Box, G.E.P., J.S. Hunter, and W.G. Hunter. 1978. Statistics for Experimenters: An Introduction to Design, Data Analysis, and Model Building. John Wiley and Sons, New York.
- Cochran, W.G. 1963. Sampling Techniques. John Wiley and Sons, New York.
- Cochran, W.G., and G. M. Cox. 1957. Experimental Designs. John Wiley and Sons, New York.
- Conover, W.J. 1980. Practical Nonparametric Statistics. 2nd edition. John Wiley and Sons, New York.
- Dixon, W.J., and J.W. Tukey. 1968. Approximate behavior of the distribution of Winsorized t (trimming/Winsorization 2). *Technometrics* 10:83-98.
- Flury, B., and H. Riedwyl. 1988. Multivariate Statistics, a Practical Approach. Chapman and Hall, London.
- Gilbert, R.O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold, New York.
- Green, R.H. 1979. Sampling Design and Statistical Methods for Environmental Biologists. John Wiley and Sons, New York.
- Hahn, G.J., and W.Q. Meeker. 1991. Statistical Intervals. John Wiley and Sons, New York.
- Hampel, F.R., E.M. Ronchetti, P.J. Rousseeuw, and W.A. Stahel. 1986. Robust Statistics: The Approach Based on Influence Functions. John Wiley and Sons, New York.
- Hill, M.A., and W.J. Dixon. 1982. Robustness in real life: a study of clinical laboratory data. *Biometrics* 38:377-96.
- Hollander, M., and Wolfe, D.A. 1973. Nonparametric Statistical Methods. John Wiley and Sons, New York.
- Hunsaker, C.T., and D.E. Carpenter, eds. 1990. Environmental Monitoring and Assessment Program: Ecological Indicators. EPA/600/3-90/060. Off. Res. Dev., U.S. Environ. Prot. Agency, Washington, DC.
- Horn, P.S., P.W. Britton, and D.F. Lewis. 1988. On the prediction of a single future observation from a possibly noisy sample. *The Statistician* 37:165-72.
- Huber, P.J. 1981. Robust Statistics. John Wiley and Sons, New York.
- Hurlbert, S.H. 1984. Pseudoreplication and the design of ecological field experiments. *Ecolog. Monogr.* 54:187-211.
- Iglewicz, B. 1983. Robust scale estimators and confidence intervals for location. Pages 404-31 in D.C. Hoaglin, F. Mosteller, and J.W. Tukey, eds., Understanding Robust and Exploratory Data Analysis. John Wiley and Sons, New York.
- Kmenta, J. 1986. Elements of Econometrics. 2d ed. Macmillan, New York.
- Linthurst, R.A., et al. 1986. Population Descriptions and Physico-Chemical Relationships. Vol 1 of Characteristics of Lakes in the Eastern United States. EPA/600/4-86/007a. U.S. Environ. Prot. Agency, Washington, DC.
- Meyer, M. A., and J.M. Booker. 1990. Eliciting and Analyzing Expert Judgement: A Practical Guide. Academic Press, London.
- Miller, R.G. Jr. 1986. Beyond ANOVA: Basics of Applied Statistics. John Wiley and Sons, New York.
- Morgan, M.G., and M. Henrion. 1990. Uncertainty. Cambridge University Press, UK.
- Mosteller, F., and J.W. Tukey. 1977. Data Analysis and Regression: A Second Course in Statistics. Addison-Wesley, Reading, MA.
- Ohio Environmental Protection Agency. 1988. The Role of Biological Data in Water Quality Assessment. Vol. 1 of Biological Criteria for the Protection of Aquatic Life. Div. Water Qual. Monitor. Assess., Columbus, OH.
- Raiffa, H. 1968. Decision Analysis. Addison-Wesley, Reading, MA.
- Rankin, E.T., and C.O. Yoder. 1990. The nature of sampling variability in the index on biotic integrity (IBI) in Ohio streams. EPA-905-9-90/005. Pages 9-18 in Proc. 1990 Midw. Pollut. Meet., Chicago, IL.
- Reckhow, K.H. 1979. Techniques for exploring and presenting data applied to lake phosphorus concentration. *Can. J. Fish. Aquat. Sci.* 37(2):290-94.
- . 1984. Decision theory applied to lake management. Pages 196-200 in Proc. Fourth Ann. Conf. N. Am. Lake Manage. Soc., City and State?
- Reckhow, K.H., and S.C. Chapra. 1983. Data Analysis and Empirical Modeling. Vol 1 of Engineering Approaches for Lake Management. Butterworth Pubs., Boston, MA.
- Reckhow, K.H., and C. Stow. 1990. Monitoring design and data analysis for trend detection. *Lake Reserv. Manage.* 6(1):49-60.
- Reckhow, K.H., K. Kepford, and W. Warren-Hicks. 1993. Statistical Methods for the Analysis of Lake Water Quality Trends. EPA 841-R-93-003. U.S. Environ. Prot. Agency, Washington, DC.
- Rey, W.J.J. 1983. Introduction to Robust and Quasi-Robust Statistical Methods. Springer-Verlag, Berlin.
- Rocke, D.M. 1983. Robust statistical analysis of interlaboratory studies. *Biometrika* 70:421-31.
- Rocke, D.M., G.W. Downs, and A.J. Rocke. 1982. Are robust estimators really necessary? *Technometrics* 24(2):95-101.
- Snedecor, G.W., and W.G. Cochran. 1967. Statistical Methods. 6th ed. Iowa State University Press, Ames.
- Staudte, R.G., and S.J. Sheather. 1990. Robust Estimation and Testing. John Wiley and Sons, New York.

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- Stevens, D. 1989. Field sampling design. In W. Warren-Hicks and B. Parkhurst, eds., Ecological Assessment of Hazardous Waste Sites: A Field and Laboratory Reference. EPA/600/3-89/013. Environ. Research Lab., U.S. Environ. Prot. Agency, Corvallis, OR.
- Stigler, S.M. 1977. Do robust estimators work with real data? Ann. Stat. 5(6):1055-98.
- Tukey, J.W. 1960. A survey of sampling from contaminated distributions. Pages 448-85 in I. Olkin, ed., Contributions to Probability and Statistics, Stanford University Press, Stanford, CA.
- . 1977. Exploratory Data Analysis. Addison Wesley, Reading, MA.
- Tukey, J.W., and D.M. McLaughlin. 1963. Less vulnerable confidence and significance procedures for location based on a single sample: trimming/Winsorization. Sankhya A. 25:331-52.
- U.S. Environmental Protection Agency. 1990. Biological Criteria, National Program Guidance for Surface Waters. EPA-440/5-90-004. Off. Water Reg. Stand., Washington, DC.
- U.S. Government Printing Office. 1988. The Clean Water Act as amended by the Water Quality Act of 1987. Pub. L. 100-4, Washington, DC.
- Warren-Hicks, W.J., and J. Messer. 1990. Using Biological Indices to Measure Ecological Condition in Regional Resources. Draft Rep. Prep. for Atmos. Res. Exposure Assess. Lab., Research Triangle Park, NC.
- Williams, B. 1978. A Sampler on Sampling. John Wiley and Sons, New York.
- Wonnacott, T.H., and R.J. Wonnacott. 1977. Introductory Statistics. John Wiley and Sons, New York.
- Yoder, C.O. 1991. Answering some concerns about biological criteria based on experiences in Ohio. Pages 95-104 in G.H. Flock, ed., Water Quality Standards for the 21st Century. Proc. Off. Water, U.S. Environ. Prot. Agency, Washington, DC.
- Yuen, K.K., and W.J. Dixon. 1973. The approximate behaviour and performance of the two-sample trimmed t. Biometrika 60:369-74.

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